

# ANNUAL REPORT ON LICENSED ACUTE CARE HOSPITAL BED CAPACITY

Fiscal Year

2004

Effective July 1, 2003



Donald E. Wilson, M.D. MACP  
Chairman

## Table of Contents

---

	<u>Page</u>
Background .....	1
Licensed Acute Care Hospital Beds in Maryland: FY 2004 .....	1
Recent Trends Contributing to the FY 2004 Changes .....	5
Paper Beds and Additional Available Acute Care Capacity .....	7
Temporary Adjustments .....	8

### Tables and Figures

#### **Table:**

1	Licensed Acute Care Beds by Hospital and Service: Maryland, FY 2004 .....	2
2	Trend in Licensed Acute Care Beds by Hospital: Maryland, 2000 - 2004 .....	3
3	Change in Number of Licensed Beds by Region: Maryland, FY 2003 - 2004 .....	5
4	Trend in Licensed Acute Care Beds by System Affiliation: Maryland: 2000 -2004 .....	5
5	Trend in Licensed Acute Care Beds by Service, Maryland Acute Care Hospitals, October 2000 - FY 2004 .....	6
6	Available, Unused Acute Care Capacity by Region: Maryland, June 2003 .....	8
7	Temporary Days Over Capacity Adjustments to Acute Care Licensed Bed Capacity: Maryland, November 2000 - April 2003 .....	9
8	Number of Acute General Hospitals by Size Category: Maryland, 2000 - 2004 .....	10

#### **Figure:**

1	Trend in Change in Licensed Beds: Maryland Acute Care Hospitals, FY 2002 – FY 2004 .....	4
2	Trend in Average Daily Census: Maryland Acute General Hospitals, 1980 - 2002 .....	7

# **Annual Report on Fiscal Year 2004 Licensed Acute Care Hospital Bed Capacity Effective July 1, 2003**

## **Background**

In October of 2000, Maryland's Department of Health and Mental Hygiene implemented an annual licensure process for acute care hospitals that is based on inpatient census. This process has standardized the measurement of licensed acute care hospital beds throughout the state. The Department of Health and Mental Hygiene calculates the average daily census of each hospital for a 12 month reporting period, and licensed bed capacity is established for the next fiscal year at 140% of the hospital's average daily census. This new licensure approach assumes that all hospitals can comfortably operate at an average annual occupancy rate of approximately 71.4%. The process thus establishes a maximum licensed capacity for each acute care hospital at 140% of their actual utilization.

The initial implementation of this new licensure process resulted in a statewide reduction in licensed acute care hospital bed capacity of 2,773 beds, or a 23% reduction, reflecting the large number of 'paper beds' in existence at that time. In each of the next two years, however, the total number of licensed beds increased by approximately 2%, reflecting actual growth in acute care hospitals' inpatient utilization. This year, hospitals' licensed capacity will increase again, but by less than 1%.

This *Annual Report on FY 2004 Licensed Acute Care Hospital Bed Capacity* has been prepared by the Maryland Health Care Commission's Health Resources Division. Licensed acute general hospital beds (medical/surgical/gynecology, obstetric, pediatric and acute psychiatric services) are included in this inventory report. Newborn bassinets and non-acute care beds located in acute care hospitals, such as "special hospital" beds (rehabilitation, chronic care, long term psychiatric services) are excluded from the annual licensure process and are therefore not included in the number of licensed beds shown in this report. The Commission maintains a detailed inventory of all licensed beds and bassinets in Maryland's acute general hospitals, which is available upon request.

## **Licensed Acute Care Hospital Beds in Maryland: FY 2004**

Table 1 shows the new licensed acute care bed capacity for each acute care hospital, by service, effective July 1, 2003. Table 2 shows the trend over five years in licensed acute care beds by hospital, beginning with the year just prior to implementation of the new licensure process. Total licensed acute care beds increased by less than 1% over last year.

- The calculation of licensed beds for FY 2004, based on each hospital's average daily census from April 1, 2002 through March 31, 2003, results in a total acute care general hospital bed capacity of 10,066 beds in Maryland. This compares to 9,994 licensed beds for FY 2003. The overall statewide increase from FY 2003 to FY 2004

**Table 1. Licensed Acute Care Beds by Hospital and Service: Maryland, FY 2004**

Jurisdiction/ Region	Hospital	Acute Care Service:				Total
		Med/Surg	Obstetric	Pediatric	Psychiatric	
Allegheny County	Memorial Hosp. and Med. Ctr of Cumberland	112	10	5	0	127
	Sacred Heart Hospital	118	0	0	17	135
	Total: Allegheny County	230	10	5	17	262
Frederick County	Frederick Memorial Hospital	176	23	10	15	224
Garrett County	Garrett County Memorial Hospital	28	4	2	0	34
Washington County	Washington County Hospital	196	14	9	17	236
<b>WESTERN MARYLAND TOTAL</b>		<b>630</b>	<b>51</b>	<b>26</b>	<b>49</b>	<b>756</b>
Montgomery County	Holy Cross Hospital of Silver Spring	235	85	20	0	340
	Montgomery General Hospital	104	16	2	25	147
	Shady Grove Adventist Hospital	191	59	24	0	274
	Suburban Hospital	199	0	6	24	229
	Washington Adventist Hospital	247	28	0	40	315
<b>MONTGOMERY COUNTY TOTAL</b>		<b>976</b>	<b>188</b>	<b>52</b>	<b>89</b>	<b>1,305</b>
Calvert County	Calvert Memorial Hospital	73	10	2	15	100
Charles County	Civista Medical Center	85	15	5	0	105
Prince George's County	Doctor's Community Hospital	185	0	0	0	185
	Fort Washington Medical Center	40	0	0	0	40
	Laurel Regional Hospital	84	13	0	20	117
	Prince George's Hospital Center	201	40	10	25	276
	Southern Maryland Hospital Center	189	30	4	25	248
	Total: Prince George's County	699	83	14	70	866
St. Mary's County	Saint Mary's Hospital of St. Mary's County	52	12	6	12	82
<b>SOUTHERN MARYLAND TOTAL</b>		<b>909</b>	<b>120</b>	<b>27</b>	<b>97</b>	<b>1,153</b>
Anne Arundel County	Anne Arundel Medical Center	190	46	12	0	248
	North Arundel Hospital	241	0	10	14	265
	Total: Anne Arundel County	431	46	22	14	513
Baltimore City	Bon Secours Hospital	120	0	0	32	152
	Good Samaritan Hospital of Maryland	225	0	0	0	225
	Harbor Hospital	131	25	5	0	161
	James Lawrence Kernan Hospital	9	0	0	0	9
	Johns Hopkins Bayview Medical Center	274	14	10	20	318
	Johns Hopkins Hospital	648	35	138	100	921
	Maryland General Hospital	161	20	0	28	209
	Mercy Medical Center	178	27	5	4	214
	Saint Agnes Hospital	259	30	10	0	299
	Sinai Hospital of Baltimore	312	26	31	24	393
	Union Memorial Hospital	246	0	6	26	278
	University of Maryland Hospital	508	34	46	60	648
	Total: Baltimore City	3,071	211	251	294	3,827
Baltimore County	Franklin Square Hospital	265	37	6	24	332
	Greater Baltimore Medical Center	246	60	8	0	314
	Northwest Hospital Center	197	0	0	12	209
	Saint Joseph Medical Center	249	28	10	20	307
	Total: Baltimore County	957	125	24	56	1,162
Carroll County	Carroll County General Hospital	153	20	7	20	200
Harford County	Harford Memorial Hospital	72	0	0	10	82
	Upper Chesapeake Medical Center	131	9	5	0	145
	Total: Harford County	203	9	5	10	227
Howard County	Howard County General Hospital	142	32	6	20	200
<b>CENTRAL MARYLAND TOTAL</b>		<b>4,957</b>	<b>443</b>	<b>315</b>	<b>414</b>	<b>6,129</b>
Cecil County	Union Hospital of Cecil County	90	6	3	7	106
Dorchester County	Dorchester General Hospital	44	0	0	20	64
Kent County	Chester River Hospital Center*	42	4	4	0	50
Somerset County	Edward W. McCready Memorial Hospital	12	0	0	0	12
Talbot County	Memorial Hospital at Easton	99	18	15	0	132
Wicomico County	Peninsula Regional Medical Center	269	24	12	17	322
Worcester County	Atlantic General Hospital	37	0	0	0	37
<b>EASTERN SHORE TOTAL</b>		<b>593</b>	<b>52</b>	<b>34</b>	<b>44</b>	<b>723</b>
<b>MARYLAND TOTAL</b>		<b>8,065</b>	<b>854</b>	<b>454</b>	<b>693</b>	<b>10,066</b>

Source: Maryland Health Care Commission

\*Note: Formerly known as Kent & Queen Anne's Hospital

**Table 2. Trend in Licensed Acute Care Beds by Hospital: Maryland, 2000 - 2004**

Jurisdiction/ Region	Hospital	Fiscal Year:				
		2000*	FY 2001	FY 2002	FY 2003	FY 2004
Allegany County	Memorial Hosp. and Med. Ctr of Cumberland	201	140	127	130	127
	Sacred Heart Hospital	240	145	132	140	135
	Total: Allegany County	441	285	259	270	262
Frederick County	Frederick Memorial Hospital	228	241	233	236	224
Garrett County	Garrett County Memorial Hospital	76	35	35	34	34
Washington County	Washington County Hospital	266	223	234	226	236
<b>WESTERN MARYLAND TOTAL</b>		<b>1,011</b>	<b>784</b>	<b>761</b>	<b>766</b>	<b>756</b>
Montgomery County	Holy Cross Hospital of Silver Spring	408	340	344	346	340
	Montgomery General Hospital	213	140	142	140	147
	Shady Grove Adventist Hospital	263	253	248	263	274
	Suburban Hospital	338	217	230	228	229
	Washington Adventist Hospital	290	344	338	322	315
<b>MONTGOMERY COUNTY TOTAL</b>		<b>1,512</b>	<b>1,294</b>	<b>1,302</b>	<b>1,299</b>	<b>1,305</b>
Calvert County	Calvert Memorial Hospital	139	88	92	100	100
Charles County	Civista Medical Center	121	97	98	100	105
Prince George's County	Doctor's Community Hospital	250	166	175	176	185
	Fort Washington Medical Center	37	36	39	41	40
	Laurel Regional Hospital	174	109	107	114	117
	Prince George's Hospital Center	447	276	284	290	276
	Southern Maryland Hospital Center	350	221	204	240	248
	Total: Prince George's County	1,258	808	809	861	866
St. Mary's County	Saint Mary's Hospital of St. Mary's County	107	84	83	82	82
<b>SOUTHERN MARYLAND TOTAL</b>		<b>1,625</b>	<b>1,077</b>	<b>1,082</b>	<b>1,143</b>	<b>1,153</b>
Anne Arundel County	Anne Arundel Medical Center	301	237	244	260	248
	North Arundel Hospital	312	231	230	253	265
	Total: Anne Arundel County	613	468	474	513	513
Baltimore City	Bon Secours Hospital	208	147	157	153	152
	Good Samaritan Hospital of Maryland	192	196	204	223	225
	Harbor Hospital	350	162	170	166	161
	James Lawrence Kernan Hospital	24	7	8	7	9
	Johns Hopkins Bayview Medical Center	306	296	311	314	318
	Johns Hopkins Hospital	989	922	927	920	921
	Maryland General Hospital	243	154	183	195	209
	Mercy Medical Center	285	211	217	211	214
	Saint Agnes Hospital	383	284	281	287	299
	Sinai Hospital of Baltimore	368	350	368	389	393
	Union Memorial Hospital	349	247	250	276	278
	University of Maryland Hospital	724	629	629	656	648
	Total: Baltimore City	4,421	3,605	3,705	3,797	3,827
Baltimore County	Franklin Square Hospital	383	299	329	336	332
	Greater Baltimore Medical Center	372	308	323	303	314
	Northwest Hospital Center	223	171	181	190	209
	Saint Joseph Medical Center	434	308	306	304	307
	Total: Baltimore County	1,412	1,086	1,139	1,133	1,162
Carroll County	Carroll County General Hospital	168	166	172	194	200
Harford County	Harford Memorial Hospital	283	102	99	85	82
	Upper Chesapeake Med Ctr (Fallston General)	184	120	151	143	145
	Total: Harford County	467	222	250	228	227
Howard County	Howard County General Hospital	233	167	179	187	200
<b>CENTRAL MARYLAND TOTAL</b>		<b>7,314</b>	<b>5,714</b>	<b>5,919</b>	<b>6,052</b>	<b>6,129</b>
Cecil County	Union Hospital of Cecil County	166	98	103	108	106
Dorchester County	Dorchester General Hospital	95	65	68	66	64
Kent County	Chester River Hospital Center**	64	45	49	46	50
Somerset County	Edward W. McCready Memorial Hospital	20	13	13	15	12
Talbot County	Memorial Hospital at Easton	159	130	138	137	132
Wicomico County	Peninsula Regional Medical Center	300	305	317	323	322
Worcester County	Atlantic General Hospital	62	37	39	39	37
<b>EASTERN SHORE TOTAL</b>		<b>866</b>	<b>693</b>	<b>727</b>	<b>734</b>	<b>723</b>
<b>MARYLAND TOTAL</b>		<b>12,328</b>	<b>9,562</b>	<b>9,791</b>	<b>9,994</b>	<b>10,066</b>

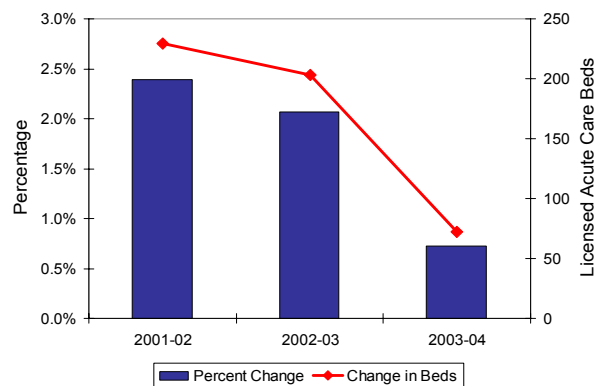
Source: Maryland Health Care Commission.

\* Note: Number of licensed beds in effect prior to the October 2000 implementation of Maryland's annual licensure calculation process.

\*\*Note: Formerly know as Kent and Queen Anne's Hospital

is 72 beds, or .07%. This is a significantly smaller increase than the 205 bed increase seen last year over FY 2002. Figure 1 shows both the change in the number of licensed beds over the last three years and the change as a percentage, illustrating that the relative size of the increase is less than a third the size of the increase seen two years ago.

**Figure 1. Trend in Change in Licensed Beds:  
Maryland Acute Care Hospitals, FY 2002 – FY 2004**



Source: Maryland Health Care Commission

- Twenty five of Maryland's 47 acute general hospitals were given an increased number of licensable beds. The biggest individual increases are seen at:
  - Northwest Hospital Center (19 beds)
  - Maryland General Hospital (14)
  - Howard County General Hospital (13)
  - North Arundel Hospital (12)
  - St. Agnes Hospital (12)
- Nineteen hospitals saw the total number of beds they can license decrease. The biggest reductions were from:
  - Prince George's Hospital Center (14 beds)
  - Frederick Memorial Hospital (12)
  - Anne Arundel Medical Center (12)
  - University of Maryland Medical Center (8)
  - Holy Cross Hospital (6)
- Table 3 shows, from a jurisdictional and regional perspective, that the increases in licensed beds occurred in the Central and Southern Maryland and Montgomery County regions, while Western Maryland and the Eastern Shore regions lost beds. The jurisdictions with the largest increases in licensed beds are Baltimore City, Baltimore County, Howard County and Washington County. Howard and Kent counties saw the largest percentage increases. Baltimore City increased by 30 licensed acute care beds, a 0.8% increase, while Kent County increased licensed beds

by 8.7%. Frederick County saw the largest decline in beds with a decrease of 5.1% from FY 2003.

**Table 3. Change in Number of Licensed Beds by Region:  
Maryland, FY 2003 - 2004**

Region	Change in Number of Licensed Beds from FY2003	Percent Change
Western Maryland	(10)	(1.3%)
Montgomery County	6	0.5%
Southern Maryland	10	0.9%
Central Maryland	77	1.3%
Eastern Shore	(11)	(1.5%)

Source: Maryland Health Care Commission

- Table 4 shows the trend in the number of licensed beds by acute care service. Most of the increase in licensed beds over the last four years has occurred in medical/surgical service.

**Table 4. Trend in Licensed Acute Care Beds by Service,  
Maryland Acute Care Hospitals, October 2000 - FY 2004**

Service Category	FY 2001	FY 2002	FY 2003	FY 2004
Medical/Surgical	7,597	7,740	7,922	8,065
Obstetrics	898	873	880	854
Pediatrics	488	480	480	454
Acute Psychiatric	692	698	712	693
TOTAL	9,562	9,791	9,994	10,066

Source: Maryland Health Care Commission

- Table 5 shows the trend in licensed acute care beds among hospitals that are part of a multi-hospital system and hospitals that are independent. The Maryland hospitals in the nine multi-hospital systems include 49% of the hospitals and 58% of the licensed acute care beds. Somewhat more growth occurred in the non-system hospitals than in the system hospitals for FY2004. Since FY 2001, however, the number of licensed acute care beds in system hospitals have grown by 5.8%, compared with a 4.5% increase in the non-system hospitals.

### **Recent Trends Contributing to the FY 2004 Changes**

The average daily census (ADC) of acute general hospital patients in Maryland has risen in each of the five years since 1998, as shown in Figure 2. Prior to that, hospital ADC had generally declined since 1980, rapidly in some years, slowly in others. The ADC shown in this figure is a function of three components: the population base, the discharge rate and average length of stay. Environmental factors have various effects on the latter two, such as the introduction of the prospective payment system in the early 1980s, changes in managed

care plan policies in the mid 1990s, and changes in technology shifting less complex procedures from inpatient to outpatient status.

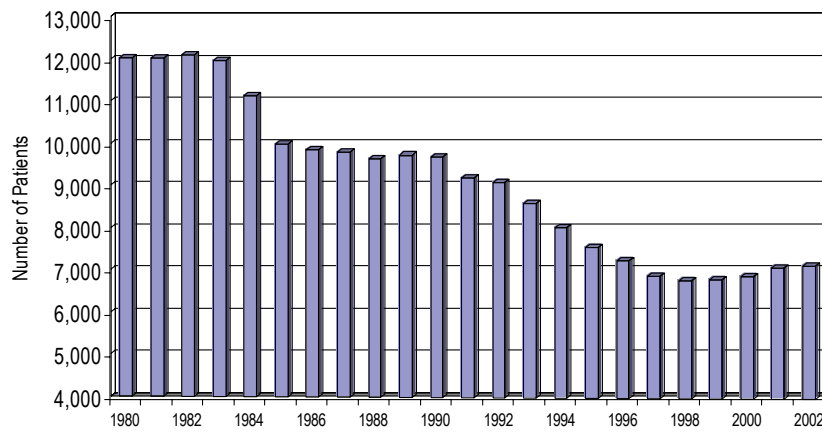
**Table 5. Trend in Licensed Acute Care Beds by System Affiliation: Maryland: FY 2000 - 2004**

System Name	System Hospital (Note 1)	Year:				
		2000 (Note 2)	FY 2001	FY 2002	FY 2003	FY 2004
Johns Hopkins Health System	Johns Hopkins Hospital	989	922	927	920	921
	Johns Hopkins Bayview Medical Center	306	296	311	314	318
	Howard County General Hospital	233	167	179	187	200
	<b>System Total</b>	<b>1,528</b>	<b>1,385</b>	<b>1,417</b>	<b>1,421</b>	<b>1,439</b>
University of Maryland Medical System	University of Maryland Hospital	724	629	629	656	648
	North Arundel Hospital	312	231	230	253	265
	Maryland General Hospital	243	154	183	195	209
	James Lawrence Kernan Hospital	24	7	8	7	9
	<b>System Total</b>	<b>1,303</b>	<b>1,021</b>	<b>1,050</b>	<b>1,111</b>	<b>1,131</b>
MedStar Health	Franklin Square Hospital	383	299	329	336	332
	Union Memorial Hospital	349	247	250	276	278
	Good Samaritan Hospital of Maryland	192	196	204	223	225
	Harbor Hospital	350	162	170	166	161
	<b>System Total</b>	<b>1,274</b>	<b>904</b>	<b>953</b>	<b>1,001</b>	<b>996</b>
LifeBridge Health	Sinai Hospital of Baltimore	368	350	368	389	393
	Northwest Hospital Center	223	171	181	190	209
	<b>System Total</b>	<b>591</b>	<b>521</b>	<b>549</b>	<b>579</b>	<b>602</b>
Adventist HealthCare	Washington Adventist Hospital	290	344	338	322	315
	Shady Grove Adventist Hospital	263	253	248	263	274
	<b>System Total</b>	<b>553</b>	<b>597</b>	<b>586</b>	<b>585</b>	<b>589</b>
Dimensions Healthcare System	Prince George's Hospital Center	447	276	284	290	276
	Laurel Regional Hospital	174	109	107	114	117
	<b>System Total</b>	<b>621</b>	<b>385</b>	<b>391</b>	<b>404</b>	<b>393</b>
Western Maryland Health System	Sacred Heart Hospital	240	145	132	140	135
	Memorial Hosp. and Med. Ctr of Cumberland	201	140	127	130	127
	<b>System Total</b>	<b>441</b>	<b>285</b>	<b>259</b>	<b>270</b>	<b>262</b>
Upper Chesapeake Health System	Upper Chesapeake Medical Center	184	120	151	143	145
	Harford Memorial Hospital	283	102	99	85	82
	<b>System Total</b>	<b>467</b>	<b>222</b>	<b>250</b>	<b>228</b>	<b>227</b>
Shore Health System	Memorial Hospital at Easton	159	130	138	137	132
	Dorchester General Hospital	95	65	68	66	64
	<b>System Total</b>	<b>254</b>	<b>195</b>	<b>206</b>	<b>203</b>	<b>196</b>
<b>Total: System Hospitals</b>		<b>7,032</b>	<b>5,515</b>	<b>5,661</b>	<b>5,802</b>	<b>5,835</b>
<b>Non System Hospitals</b>	Holy Cross Hospital of Silver Spring	408	340	344	346	340
	Peninsula Regional Medical Center	300	305	317	323	322
	Saint Joseph Medical Center	434	308	306	304	307
	Greater Baltimore Medical Center	372	308	323	303	314
	Saint Agnes Hospital	383	284	281	287	299
	Anne Arundel Medical Center	301	237	244	260	248
	Southern Maryland Hospital Center	350	221	204	240	248
	Frederick Memorial Hospital	228	241	233	236	224
	Suburban Hospital	338	217	230	228	229
	Washington County Hospital	266	223	234	226	236
	Mercy Medical Center	285	211	217	211	214
	Carroll County General Hospital	168	166	172	194	200
	Doctor's Community Hospital	250	166	175	176	185
	Bon Secours Hospital	208	147	157	153	152
	Montgomery General Hospital	213	140	142	140	147
	Union Hospital of Cecil County	166	98	103	108	106
	Calvert Memorial Hospital	139	88	92	100	100
	Civista Medical Center	121	97	98	100	105
	Saint Mary's Hospital of St. Mary's County	107	84	83	82	82
	Chester River Hospital Center (Note 3)	64	45	49	46	50
	Fort Washington Medical Center	37	36	39	41	40
	Atlantic General Hospital	62	37	39	39	37
	Garrett County Memorial Hospital	76	35	35	34	34
	Edward W. McCready Memorial Hospital	20	13	13	15	12
<b>Total: Non System Hospitals</b>		<b>5,296</b>	<b>4,047</b>	<b>4,130</b>	<b>4,192</b>	<b>4,231</b>
<b>Maryland Total</b>		<b>12,328</b>	<b>9,562</b>	<b>9,791</b>	<b>9,994</b>	<b>10,066</b>

Notes: 1. 'Systems' are local multi-hospital systems with more than one hospital in Maryland. This table includes only those hospital members in Maryland. 2. Number of licensed beds in effect prior to the October 2000 implementation of Maryland's annual licensure calculation process. 3. Formerly known as Kent and Queen Anne's Hospital



**Figure 2. Trend in Average Daily Census:  
Maryland Acute General Hospitals, 1980 - 2002**



Source: Maryland Hospital Discharge Abstract

Analysis of the discharge data suggests that a major factor driving this recent upswing in acute care hospital patient days is an increase in the discharge *rate* (i.e., the number of hospital discharges per capita) of Maryland's population, especially the 65 and older population. Average length of hospital stay, the other variable which, in combination with the discharge rate and population change, determines hospital census, has been in long-term decline and continues to decline, although the rate of decline in average length of stay has slowed. This, in combination with the increasing discharge rate and the increasing population, particularly in the older age categories, have resulted in an annual growth in hospital inpatient use of about 1.2% over the last four years. Additional analysis is needed to determine the extent to which this recent utilization increase might continue.

### **Paper Beds and Additional Available Acute Care Capacity**

Overall, the new licensure process has had a significant impact on the 'paper beds'<sup>1</sup> that mask hospitals' actual inpatient capacity. Statewide, there are 2,262 fewer acute care hospital beds licensed in FY 2004 than were licensed before implementation of Maryland's new licensure procedures, a reduction of 18%. The census-based nature of the licensure process means that the number of licensed beds in Maryland is now much more reflective of actual utilization. However, acute care bed capacity still exists that is neither licensed nor used. This additional available acute care capacity, which could be available to accommodate short term growth in demand and, if necessary, major emergencies and disasters, has been estimated by the Commission at 778 beds statewide, based on a voluntary survey of hospitals.<sup>2</sup>

<sup>1</sup> The term "paper beds" typically refers to those beds that are licensed but not used because of lack of demand or because they no longer exist due to previous conversion to alternative uses.

<sup>2</sup> This number is subject to change with verification of the voluntary survey.

Table 6 below shows the breakdown by region of this unlicensed but potentially available acute care capacity. This is defined as the total number of acute inpatient beds that are available for use, or that could be physically set up in space appropriate for licensed acute inpatient care as admission might warrant. It is a physical count of beds measuring the maximum operating capacity under normal, non-emergency circumstances rather than a measure of staffing capacity.

**Table 6. Available, Unused Acute Care Capacity by Region:  
Maryland, June 2003**

Region	Unlicensed Bed Capacity
Western Maryland	174
Montgomery County	24
Southern Maryland	310
Central Maryland	129
Eastern Shore	141
State Total	778

Source: Maryland Health Care Commission

### **Temporary Adjustments**

In addition to providing a standardized measure of acute care inpatient capacity, another advantage of Maryland's licensure process is the flexibility it provides for growth as demand increases. An important part of this flexibility is the mechanism to address peak census demands when patients cannot be adequately accommodated in the hospital's licensed capacity. Hospitals can request a temporary adjustment to their licensed bed capacity, usually a day or two at a time, to respond to demands for inpatient beds in excess of their licensed capacity. The hospitals notify the Office of Health Care Quality of the number of additional beds needed, and written approval is granted. The hospitals then submit a monthly report to the Health Services Cost Review Commission, called the Days Over Capacity report, listing the number of days in the month that they exceeded their licensed capacity, the number of beds used in each of those days, and the service to which each bed was assigned.<sup>3</sup>

Table 7 shows the extent to which hospitals have used this process since its inception. The number of bed-days is a calculation of the number of beds in excess of licensed capacity times the number of days those beds were in service. As would be expected, hospital size appears to be a significant factor in the need for temporary adjustment. Six of the hospitals which have used temporary adjustment since 2000 are hospitals with less than 99 licensed beds, representing 67% of the hospitals in this small-size category. Only one of those has been growing in census. Only 34% of the larger hospitals (>100 beds) requested a temporary adjustment of licensed bed capacity. Table 8 shows the number of Maryland acute care hospitals categorized by size.

<sup>3</sup> There are at least two potential problems with this data taken from the HSCRC's DOC reporting form. First, under-counting may occur if some hospitals are not submitting DOC forms when they should. Second, over-counting may occur when the DOC forms are submitted when the capacity of one *service* was exceeded, but the total hospital's licensed acute care bed capacity was *not* exceeded. As the MHCC and the HSCRC continue to use this data, reporting consistency and data reliability will improve.

**Table 7. Temporary Days Over Capacity Adjustments to Acute Care  
Licensed Bed Capacity: Maryland, November 2000 - April 2003**

<b>Hospital Name</b>	<b>Licensed Beds, 7-1-03</b>	<b>Total Bed-Days Over Capacity</b>
Memorial Hospital at Easton	132	2,100
Washington County Hospital	236	818
Southern Maryland Hosp. Ctr.	248	372
Chester River Hospital Center*	50	280
Upper Chesapeake Medical Center	145	277
Edward W. McCready Mem. Hospital	12	182
Civista Medical Center	105	118
Memorial Hospital of Cumberland	127	105
Dorchester General Hospital	64	93
Maryland General Hospital	209	82
Sacred Heart Hospital	135	75
North Arundel Hospital	265	58
St. Mary's Hospital	82	40
Garrett Co. Memorial Hospital	34	33
Calvert Memorial Hospital	100	27
Atlantic General Hospital	37	24
Carroll Co. General Hospital	200	18
Anne Arundel Medical Center	248	14
University of Maryland	648	5
Franklin Square Hospital	332	2
<b>Maryland Total</b>	<b>- - -</b>	<b>4,723</b>

Source: Health Services Cost Review Commission's Monthly Reports

Note: Kernan Hospital also used the temporary adjustment process, as reflected in that hospital's many applications to the Office of Health Care Quality for temporary adjustments, but no reports of days over capacity were filed with their monthly reports.

\*Formerly know as Kent and Queen Anne's Hospital

**Table 8. Number of Acute General Hospitals by Size Category:  
Maryland, 2000 - 2004**

<b>Number of Licensed Acute Care Beds</b>	<b>Number of Hospitals in 2000</b>	<b>Number of Hospitals in FY 2001</b>	<b>Number of Hospitals in FY 2002</b>	<b>Number of Hospitals in FY 2003</b>	<b>Number of Hospitals in FY 2004</b>
Less than 50	3	6	6	6	5
50 – 99	4	5	5	3	4
100 – 149	3	8	6	9	8
150 – 199	6	7	8	7	4
200 – 249	8	8	9	6	11
250 – 299	6	5	3	6	5
300 – 349	6	5	7	7	7
350-399	6	1	1	1	1
400-499	3	0	0	0	0
500 or More	2	2	2	2	2
<b>Total Hospitals</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>
<b>Average Hospital Size</b>	<b>262 beds</b>	<b>203 beds</b>	<b>208 beds</b>	<b>213 beds</b>	<b>214 beds</b>

Source: Maryland Health Care Commission

# ANNUAL REPORT ON LICENSED ACUTE CARE HOSPITAL BED CAPACITY

Fiscal Year 2004



Division of Health Resources